

Safety Data Sheet (SDS)

Preparation Date 2017/10/20

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Section 1 – CHEMICALS AND COMPANY IDENTIFICATION

Chemical Identifier WDF1-A
 Product Code WDF1A00002
 Name of Supplier PENTEL CO., LTD.
 Address 7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO
 Company Contact QUALITY ASSURANCE DEPARTMENT I
 Phone Number 03-5695-7210
 Fax Number 03-5645-8204
 Mail Address hinpo@pentel.co.jp
 Emergency Phone Number 03-5695-7210
 Recommended Use ink

Australian Company Pentel Australia Pty Ltd
 Address Unit 4, 12 Mars Road, Lane Cove NSW 2066
 Phone 1300 88 87 86
 Emergency Phone 02 9425 4800
 ABN 72 008 457 725

S520-A(black),B(red),C(blue),D(green)

Section 2 – HAZARDS IDENTIFICATION

GHS Classification of the Chemical

Health Hazards Acute toxicity (Inhalation: dust and mist) Category 4
 Skin corrosion/irritation Category 2
 Serious eye damage/eye irritation Category 2A
 Specific target organ toxicity (single exposure) Category 1(blood,kidney,central nervous system)
 Other hazards than mentioned above are Not classified (Not applicable) or Classification not possible.

GHS Label Elements

Pictograms



Signal Word Danger
 Hazard Statements H315 Causes skin irritation
 H319 Causes serious eye irritation
 H332 Harmful if inhaled
 H370 Causes damage to blood,kidney,central nervous system
 Precautionary Statements
 Prevention Do not breathe mist/vapours/spray.(P260)
 Avoid breathing dust.(P261)

	Wash hand thoroughly after handling.(P264) Wash eye thoroughly after handling.(P264) Do not eat, drink or smoke when using this product.(P270)
Response	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.(P305+P351+P338)
Storage	If eye irritation persists: Get medical advice/attention.(P337+P313)
Disposal	Store locked up.(P405) Dispose of contents and container in accordance with local, regional and national regulations (to be specified).(P501)

Section 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance
or Mixture

Mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCs No./ISHL No.		CAS RN
			ENCs No.	ISHL No.	
Ethylene glycol	15%	HOCH ₂ CH ₂ OH	(2)-230	Existing	107-21-1

Section 4 – FIRST AID MEASURES

Inhalation

Remove person to fresh air and keep comfortable for breathing.
Get medical advice and attention if you feel unwell.

Skin Contact

Wash with plenty of soap and water.
If skin irritation or rash occurs, get medical advice and attention.

Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
When the ocular stimulation lasts, Seek medical treatment and advice.

Ingestion

Rinse mouth. Do NOT induce vomiting.
Get medical advice and attention if you feel unwell.

Section 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing
Media

Dry chemicals, CO₂, water spray or regular foam.

Unsuitable Extinguishing
Media

No information available

Section 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions,
Protective Equipment and
Emergency Procedures
Environmental Precautions

No information available

Pay attention not to cause the influence on the environment by discharging into rivers.

This product is water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

Methods and Equipment
for Containment and
Cleaning up

Vacuum or sweep up material and place in a disposal container.

Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

Prevention Measures for
Secondary Accidents

After removal, flush contaminated area thoroughly with water.

Prevent flowing into drain, sewage, basement, and closed area.

Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 – HANDLING AND STORAGE

Handling

Technical Measures

Provide ventilation system and use necessary personal protective equipment as described in "Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION".

Precautions for Safe
Handling

Wash hand thoroughly after handling.

Avoid swallowing.

Avoid contact with eyes.

Protect from high temperature and direct sunlight.

Prevents Handling of
Incompatible
Substances or
Mixtures

Refer to "Section 10 – STABILITY AND REACTIVITY".

Storage

Conditions for Safe
Storage

Refer to "Section 10 – STABILITY AND REACTIVITY".

Have containers keep away from direct sunlight and heat.

Keep away from heat.

Section 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Good general ventilation should be sufficient to control airborne levels.

Personal Protective
Equipment

Eye/Face Protection

Use personal eye protection as required.

Section 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State

liquid

Form

liquid

Colour

black

Odour

No data available

Melting Point/Freezing
Point

No data available

Boiling Point or Initial
Boiling Point and Boiling
Ranges

No data available

Flammability

No data available

Lower and Upper Explosion Limit /	No data available
Flash Point	No data available
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
pH	No data available
Kinematic Viscosity	No data available
Solubility	No data available
Partition Coefficient : n-Octanol/Water	No data available
Vapour Pressure	No data available
Density and/or Relative Density	No data available
Relative Gas Density	No data available
Particle Characteristics	No data available

Section 10 – STABILITY AND REACTIVITY

Reactivity	No data available
Chemical Stability	No data available
Possibility of Hazardous Reaction	No data available
Conditions to Avoid	No data available
Incompatible Substances or Mixtures	No data available
Hazardous Decomposition Products	No data available

Section 11 – TOXICOLOGICAL INFORMATION

Acute Toxicity	No information available
Skin Corrosion/Irritation	No data available
Serious Eye Damage/Eye Irritation	No data available
Respiratory Sensitization	No data available
Skin Sensitization	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	No data available
Reproductive Toxicity	No data available
Specific Target Organ Toxicity (Single Exposure)	No data available
Specific Target Organ Toxicity (Repeated Exposure)	No data available
Aspiration Hazard	No data available

Section 12 – ECOLOGICAL INFORMATION

Hazardous to the Aquatic Environment, Short-Term (Acute)	No data available
Hazardous to the Aquatic Environment, Long-Term (Chronic)	No data available
Ecotoxicity	No data available
Persistence	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available

Hazardous to the Ozone
Layer

No data available

Section 13 – DISPOSAL CONSIDERATIONS

Residual Waste

Disposal should be in accordance with applicable regulations and standards by the respective local governments.

Commission a waste disposal company, or a local public body who are licensed by local or regional government, to dispose of the material.

When commissioning the disposal to a disposal company, notify the danger and toxicity thoroughly to the company.

Do not release waste liquid containing the product and used water for cleansing into rivers, etc., or do not discharge the concerned wastes intact for reclamation.

Contaminated Container
and Packaging

Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments.

Section 14 – TRANSPORT INFORMATION

International Regulations

Regulatory
Information by Sea
Marine Pollutant
Liquid Substance
Transported in Bulk
According to
MARPOL 73/78,
Annex II, the IBC
Code

Not applicable

Not applicable

Not applicable

Regulations in Japan

Regulatory
Information by Air

Not applicable

Regulatory
Information by Road
or Rail

Not applicable

Regulatory
Information by Sea

Not applicable

Marine Pollutant
Liquid Substance
Transported in Bulk
According to
MARPOL 73/78,
Annex II, the IBC
Code

Not applicable

Not applicable

Regulatory
Information by Air

Not applicable

Emergency Response
Guide Number

Not applicable

Section 15 – REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

Section 16 – OTHER INFORMATION

Information Contact

Other Property

No information available

This information is furnished without warranty express or implied.

This information is believed to be accurate to the best knowledge of PENDEL Co., Ltd. but not assumes legal responsibility for use of or reliance upon this information.